

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/051680

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C07D221/12 A61K31/473

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 C07D A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, CHEM ABS Data, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 97/28131 A (BYK GULDEN LOMBERG CHEM FAB ;GUTTERER BEATE (DE)) 7 August 1997 (1997-08-07) cited in the application page 1, line 1 - page 2, line 6; claim 1; table A	1-11
Y	WO 97/35854 A (BYK GULDEN LOMBERG CHEM FAB ;GUTTERER BEATE (DE)) 2 October 1997 (1997-10-02) cited in the application page 1, line 1 - page 2, line 16; claim 1; table A	1-11
	----- -/-	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *Z* document member of the same patent family

Date of the actual completion of the international search

3 December 2004

Date of mailing of the international search report

13/12/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Usueli, A

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/051680

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 00/42034 A (BYK GULDEN LOMBERG CHEM FAB ;GUTTERER BEATE (DE)) 20 July 2000 (2000-07-20) page 1, line 1 - page 2, line 16; claim 1; table A	1-11
Y	WO 02/05616 A (BYK GULDEN LOMBERG CHEM FAB ;GUTTERER BEATE (DE)) 24 January 2002 (2002-01-24) page 1, line 1 - page 2, line 35; claim 1; table A	1-11
A	WO 96/00215 A (CELLTECH THERAPEUTICS LTD) 4 January 1996 (1996-01-04) page 2, line 6 - page 3, line 9; claim 1	1-11
A	EP 0 834 508 A (ADIR) 8 April 1998 (1998-04-08) page 3, line 54 - page 6, line 2; claim 1; example 101	1-11

INTERNATIONAL SEARCH REPORT

International application No.
PCT/EP2004/051680

Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.: —
because they relate to subject matter not required to be searched by this Authority, namely:
Although claims 10,11 are directed to a method of treatment of the human/animal body (Article 52(4) EPC), the search has been carried out and based on the alleged effects of the compound/composition.
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this International application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/051680

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 9728131	A	07-08-1997	DE 19603321 A1 07-08-1997
		AT 233735 T 15-03-2003	
		AU 707058 B2 01-07-1999	
		AU 1719997 A 22-08-1997	
		BR 9707233 A 20-07-1999	
		CA 2245142 A1 07-08-1997	
		CN 1214681 A ,C 21-04-1999	
		CZ 9802414 A3 16-12-1998	
		DE 59709437 D1 10-04-2003	
		DK 882021 T3 23-06-2003	
		EA 1205 B1 25-12-2000	
		EE 9800223 A 15-12-1998	
		WO 9728131 A1 07-08-1997	
		EP 0882021 A1 09-12-1998	
		ES 2194180 T3 16-11-2003	
		HU 9900666 A2 28-06-1999	
		IL 125286 A 14-08-2002	
		JP 2000503996 T 04-04-2000	
		NO 983505 A 11-09-1998	
		NZ 331374 A 28-01-2000	
		PL 328019 A1 04-01-1999	
		PT 882021 T 31-07-2003	
		SI 882021 T1 31-10-2003	
		SK 102498 A3 10-03-1999	
		US 6191138 B1 20-02-2001	
WO 9735854	A	02-10-1997	DE 19613091 A1 09-10-1997
		AT 224386 T 15-10-2002	
		AU 718752 B2 20-04-2000	
		AU 2291097 A 17-10-1997	
		CA 2250569 A1 02-10-1997	
		DE 59708265 D1 24-10-2002	
		DK 889886 T3 20-01-2003	
		WO 9735854 A1 02-10-1997	
		EP 0889886 A1 13-01-1999	
		ES 2184077 T3 01-04-2003	
		JP 2000507256 T 13-06-2000	
		PT 889886 T 28-02-2003	
		SI 889886 T1 28-02-2003	
		US 6127378 A 03-10-2000	
WO 0042034	A	20-07-2000	AU 2290000 A 01-08-2000
		CA 2359449 A1 20-07-2000	
		WO 0042034 A1 20-07-2000	
		EP 1147103 A1 24-10-2001	
		JP 2003502278 T 21-01-2003	
		US 6534519 B1 18-03-2003	
WO 0205616	A	24-01-2002	AU 8196501 A 30-01-2002
		WO 0205616 A1 24-01-2002	
WO 9600215	A	04-01-1996	AU 2747395 A 19-01-1996
		DE 69525254 D1 14-03-2002	
		DE 69525254 T2 19-12-2002	
		EP 0766673 A1 09-04-1997	
		ES 2168110 T3 01-06-2002	
		WO 9600215 A1 04-01-1996	
		US 5693659 A 02-12-1997	

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/051680

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
EP 0834508	A	08-04-1998	FR 2754260 A1 10-04-1998
		AT 204269 T 15-09-2001	
		AU 728329 B2 04-01-2001	
		AU 3992797 A 09-04-1998	
		BR 9704970 A 27-10-1998	
		CA 2217455 A1 04-04-1998	
		DE 69706112 D1 20-09-2001	
		DE 69706112 T2 02-05-2002	
		DK 834508 T3 08-10-2001	
		EP 0834508 A1 08-04-1998	
		ES 2162668 T3 01-01-2002	
		GR 3037042 T3 31-01-2002	
		HU 9701605 A2 28-05-1998	
		JP 10114724 A 06-05-1998	
		NO 974586 A 06-04-1998	
		NZ 328900 A 26-01-1998	
		PL 322419 A1 14-04-1998	
		PT 834508 T 30-11-2001	
		US 5877190 A 02-03-1999	
		ZA 9708878 A 17-04-1998	